

dcr
Massachusetts



Photo: Courtesy of Private Collection



Granite Landings Restoration Project



Granite Landings Restoration Project



Project Team

- **Bourne Consulting Engineering**
 - *Project Management/Waterfront Engineering*
- **McGinley Kalsow & Associates, LLP**
 - *Historical Architecture*
- **Brown, Richardson & Rowe, Inc**
 - *Historic Landscape Architecture*
 - *with Elizabeth Hope Cushing*
- **Bryant Associates, Inc - Civil & Survey**
- **R.D. Kimball Company - Electrical Engineering**
- **Regina Villa Associates, Inc. - Public Involvement**



- **What Are We Talking About ??**
 - **Project Outline - Goals and Objectives**
 - **Background History and Character Defining Features**
 - **Existing Conditions**
 - **Temporary Repairs**
 - **Next Steps**



- **Project Scope:**
 - ***Implement the Recommendations:***
 - ***Master Plan for the Charles River***
 - ***Reclaim the Historical Significance and Context:***
 - ***Commissioner's Landings East & West***
 - ***With Founders and Governor's Landings***
 - ***Dartmouth Street Granite Overlook***
 - ***Storrow Lagoon***
 - ***Gloucester Street Granite Overlook***
 - ***Restore these Key Areas as Gathering Places***
 - ***Provide for Universal Accessibility***
 - ***Evaluation of the path systems***
 - ***Remove inappropriate elements***

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Photo: GlobeXplorer



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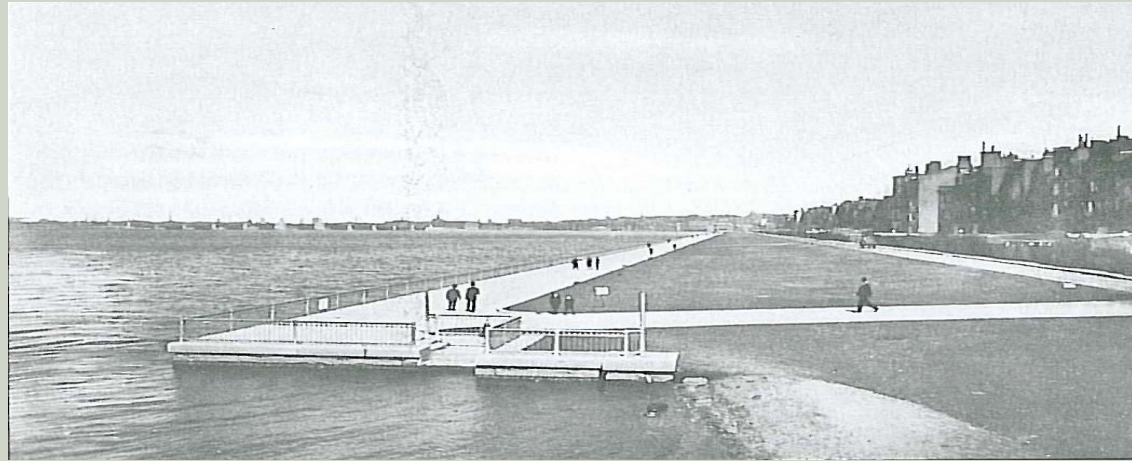


Background History and Character Defining Features

- 1910 Seawall and Initial Embankment**
- 1931-36 Esplanade Landforms and Overlooks**
- 1951 Revised Landforms and Storrow Memorial Drive**



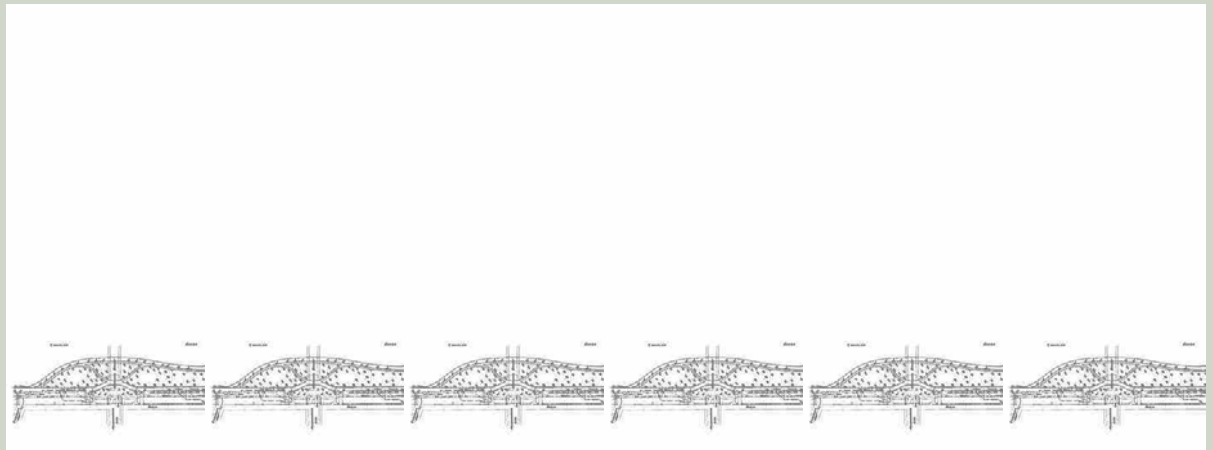
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1910 Photo of Embankment
(or Esplanade) looking East
from the Harvard (Mass. Ave)
Bridge. (Marchione,p.65)

Shurcliff Plan April 10, 1933

(CRB Archives courtesy
of DCR files at Danvers)



Character Defining Features



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Charles River Esplanade 1935



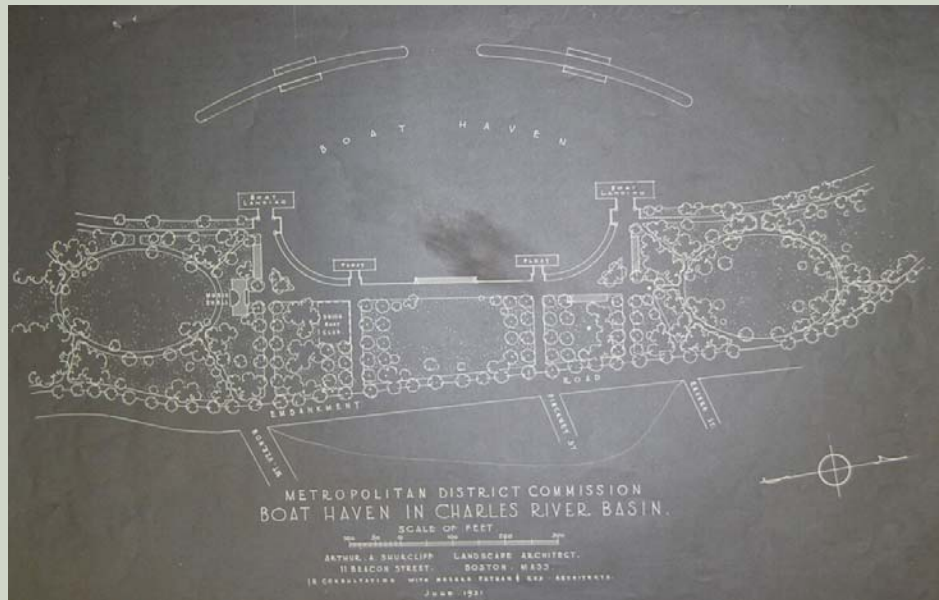
(CRB Archives courtesy of DCR files at Danvers)

Character Defining Features

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Shurcliff Sketch of Founder's Landing 1934;1936



Overlooks at Commissioner's Landing The Boat Haven Lagoon in its Final Form June -1931

(CRB Archives courtesy of DCR files at Danvers)

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The Boat Haven - 1934

Photo by Frederic Tobey

(CRB Archives courtesy of DCR files at Danvers)



Music Oval at Hatch Shell
Edged with Linden Trees -
Shurcliff and Shurcliff 1940's



(Photo courtesy of 'Inventing the Charles River', Haglund p.254)

Character Defining Features



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Iron Railing on Original Esplanade Seawall

1911 Union Boat House with
Commissioner's Landing and
Shade Shelter in Background - 1940



(CRB Archives courtesy of DCR files at Danvers)

Character Defining Features

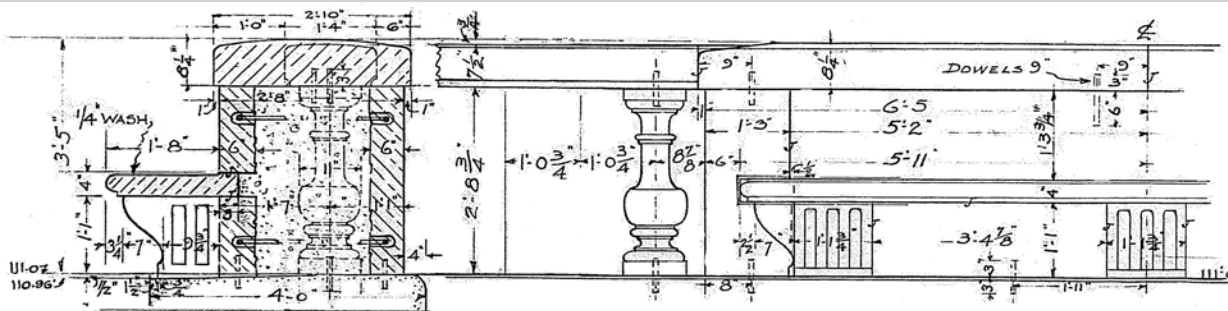
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Granite Wall and Balustrade



Granite Balustrade



**Commissioner's Landing Granite Bench and Wall Detail
Shop Drawings by Fletcher Granite March 28, 1933**

(CRB Archives courtesy of DCR files at Danvers)

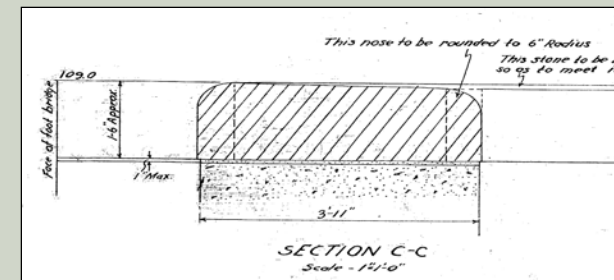
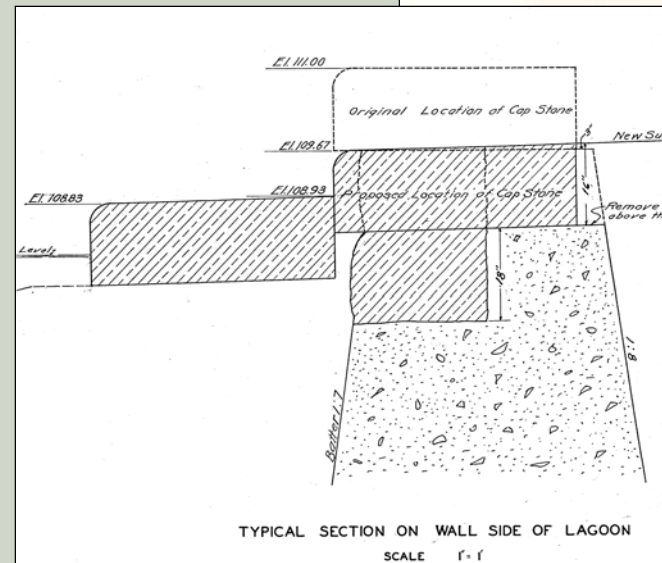
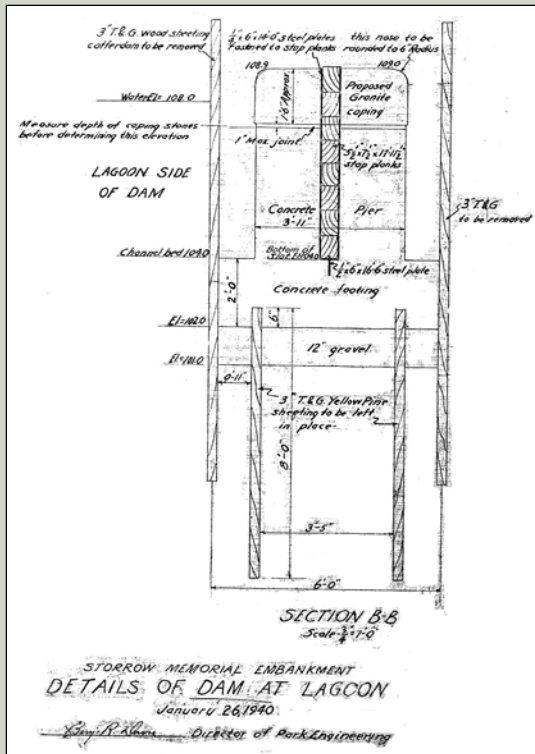
Dartmouth Street
Overlook
January 10, 1934

Character Defining Features

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Coping Stone Under Construction Looking
Downstream from Bridge over Lagoon
near Fairfield Street - January 10, 1934



Storrow Lagoon Detailing - January 26, 1940

(CRB Archives courtesy of DCR files at Danvers)

Character Defining Features



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Overlook at Dartmouth Street
1936

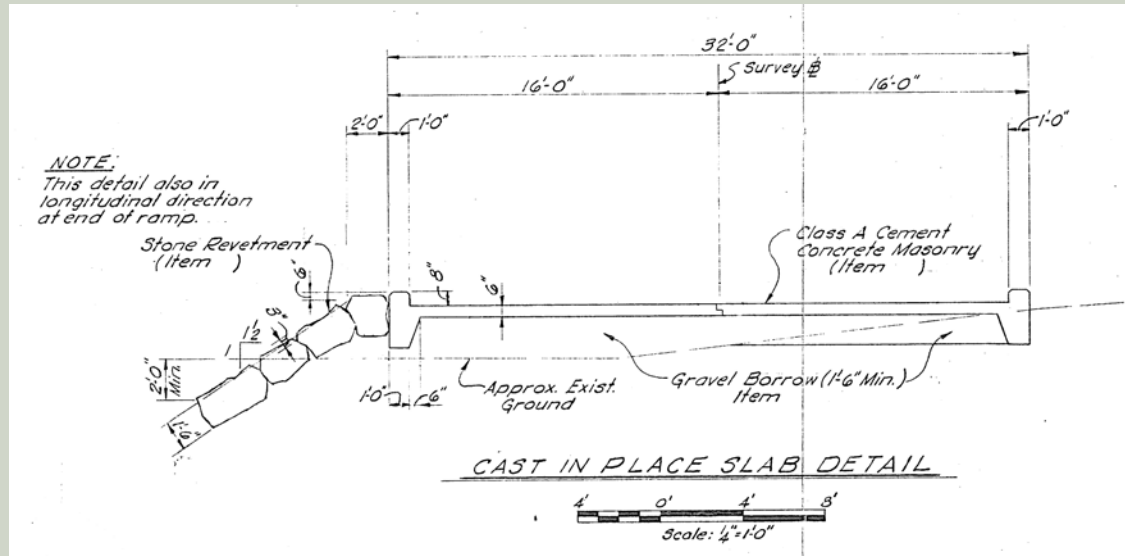


Grassy Lawns Sloping Gently to Charles
River Planted with Shade Trees –
Charles River Esplanade 1935



(CRB Archives courtesy of DCR files at Danvers)

Character Defining Features



Detail of Arched Slopes of Rounded Water - worn Stones - 1966

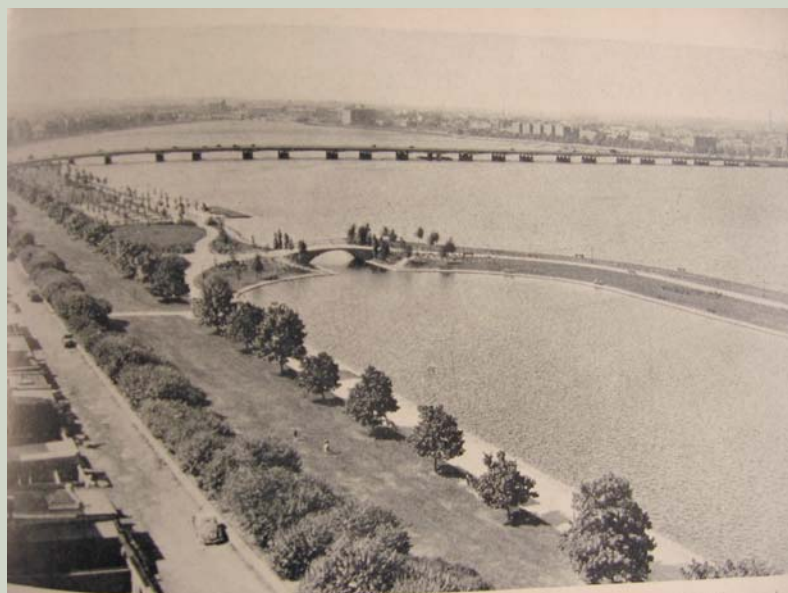


Present Day Picture

Character Defining Features



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Storow Lagoon 1934;1936

(CRB Archives courtesy of DCR files at Danvers)



**Willows along
Pedestrian Bridges
at Storow Lagoon**
(BRR file photo)

Oval Storow Lagoon Present Day



(Photo by Google Earth)

Character Defining Features



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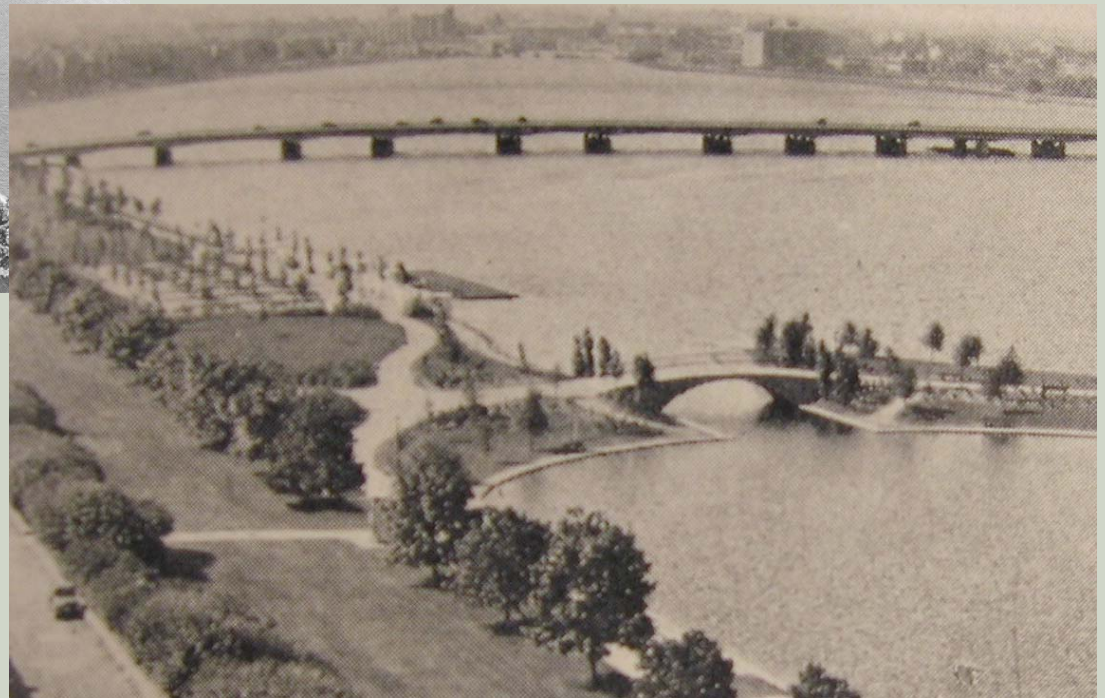


Grassy Lawns Sloping Gently to Charles River Planted with Shade Trees

(Photo courtesy of 'Inventing the Charles', Haglund p.231)



Gloucester Street Overlook
Upstream Storrow Lagoon
1934;1936



(CRB Archives courtesy of DCR files at Danvers)

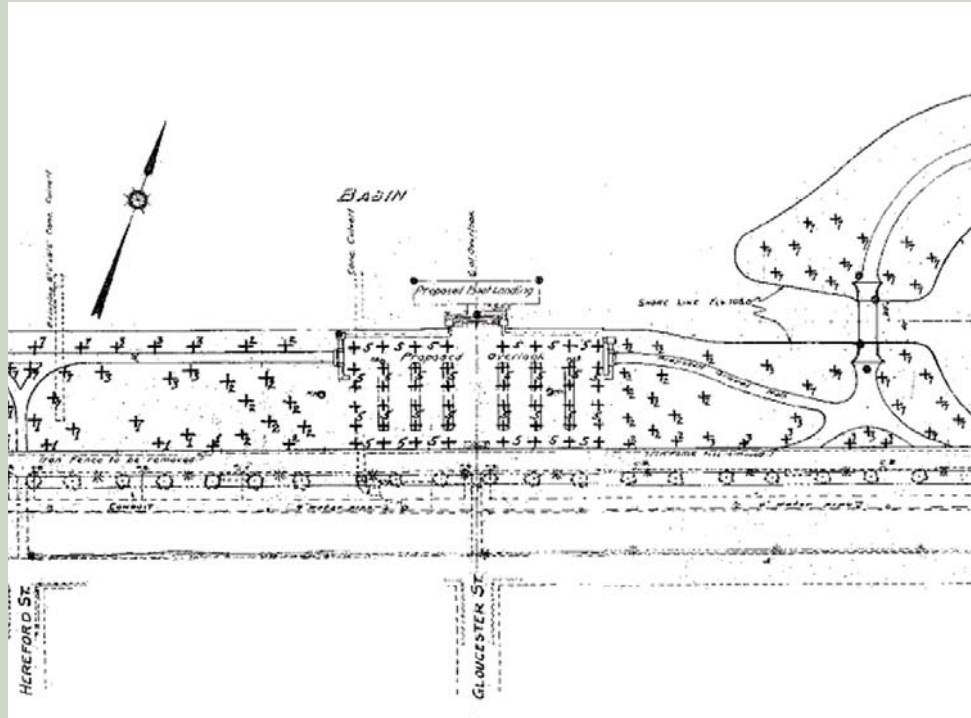
Character Defining Features



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Gloucester Street Overlook Plan by Shurcliff April 10, 1933 (CRB Archives courtesy of DCR files at Danvers)



Gloucester Street Overlook Present Day



(Photo by Google Earth)

Character Defining Features

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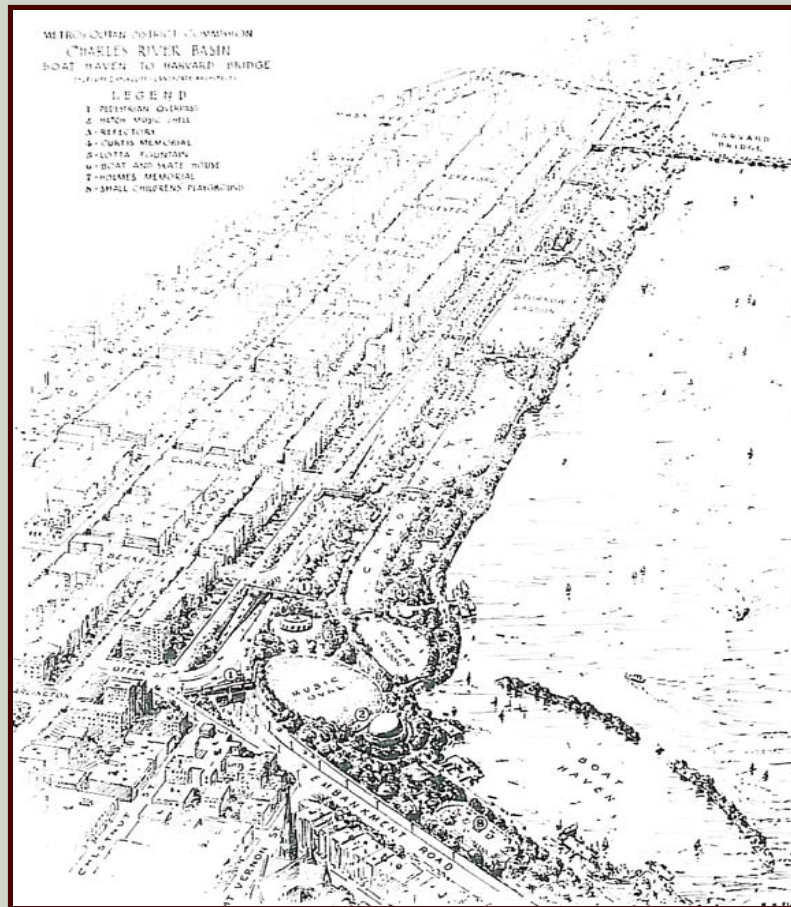
1935 Storror Memorial
with 1949 Bronze Tablet



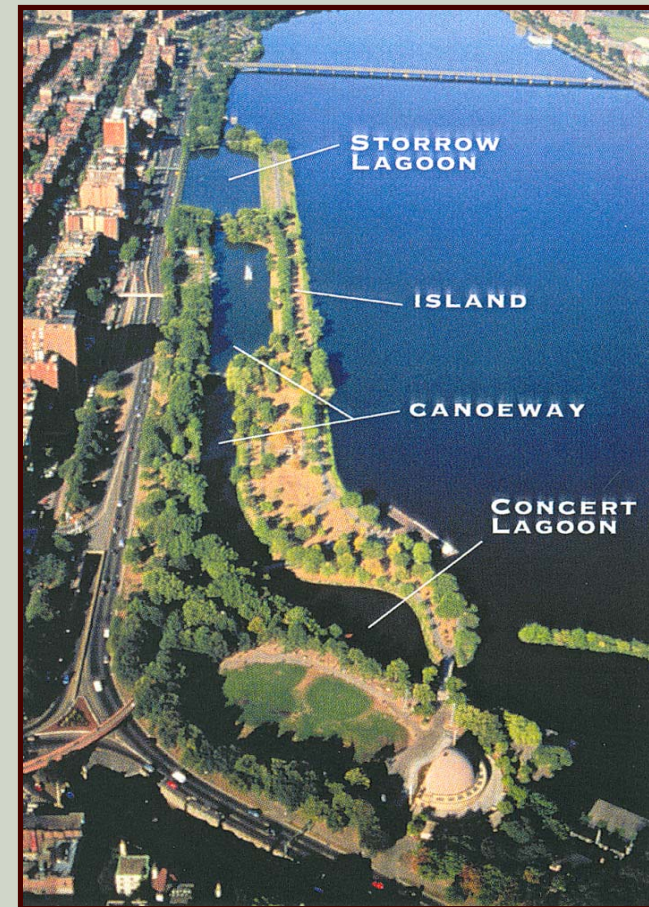
(BRR Photo File)

Character Defining Features

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Shurcliff and Shurcliff Aerial
Sketch of Revised Esplanade

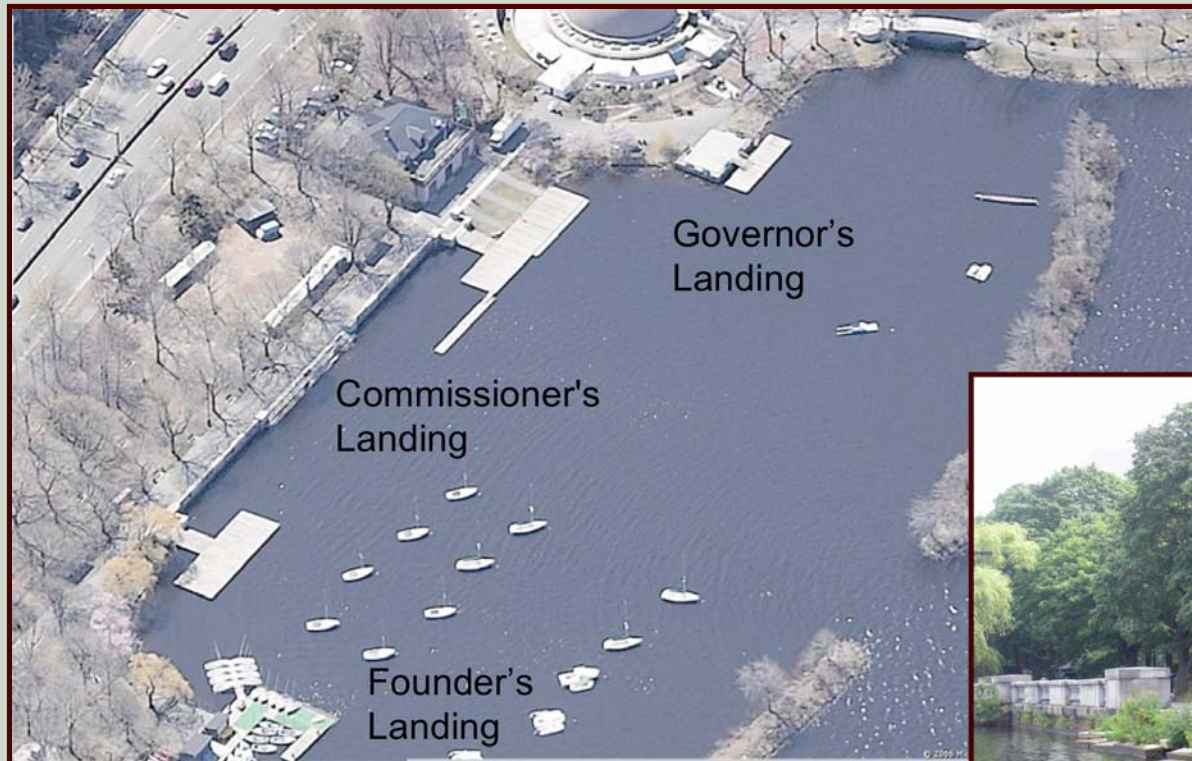


Colored Aerial from
Master Plan (page 101)

Character Defining Features

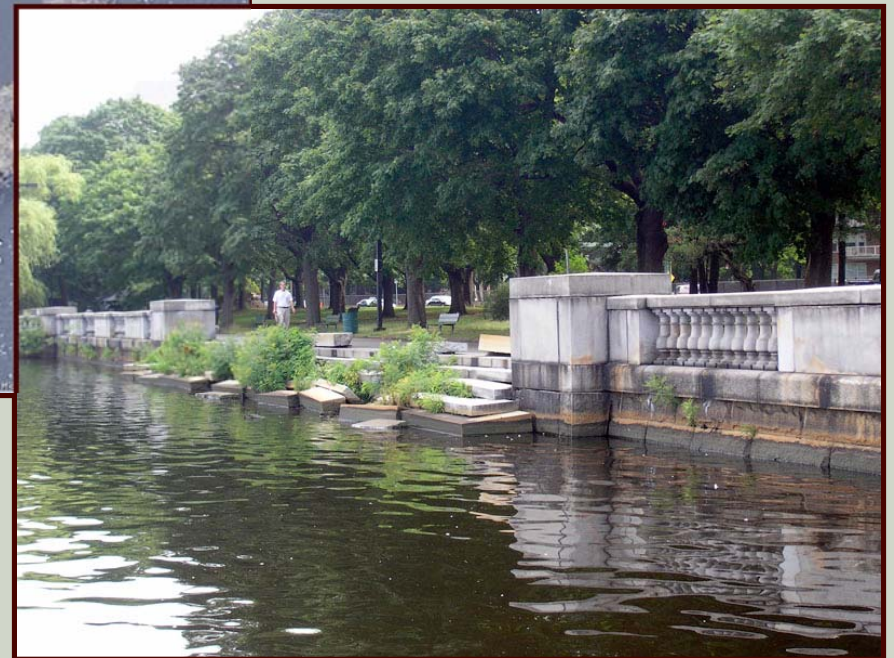


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Commissioner's Landing

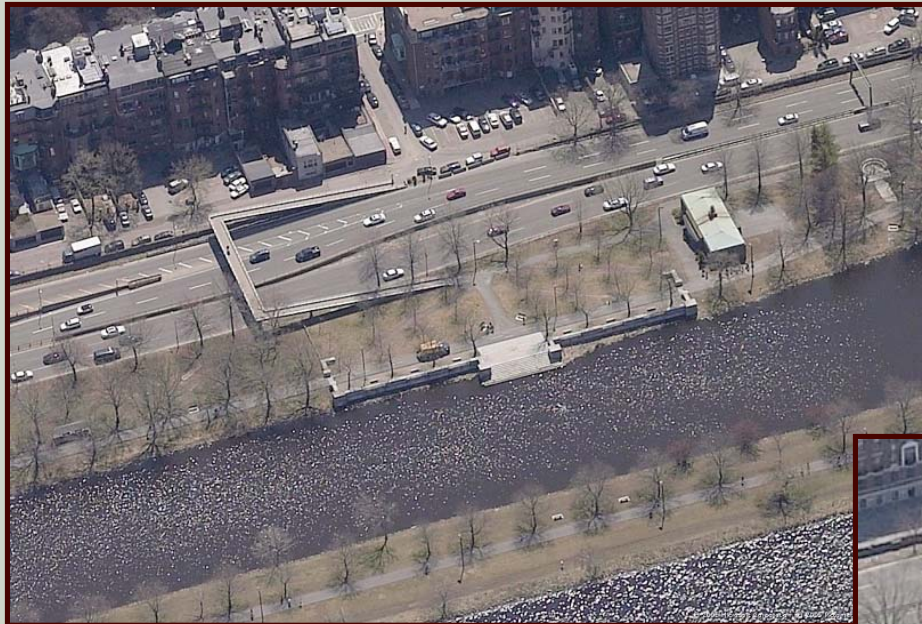
Aerial Photo: Microsoft Corporation



Existing Conditions - Commissioner's Landing



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Dartmouth Street Overlook

Gloucester Street Overlook



Aerial Photo: Microsoft Corporation

Existing Conditions - Dartmouth St. & Gloucester St. Overlooks



Storrow Lagoon



Aerial Photo: Microsoft Corporation

Existing Conditions - Dartmouth St. & Gloucester St. Overlooks



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Commissioner's Landing – West
Re-establishment of historic edge



Shurcliff benches need
to be accessible



Incorporate more
appropriate lighting

Regain public access at
Founder's Overlook



(BRR Photo File)

- Existing Conditions – Commissioner's Landing

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Review path layouts
versus desire lines



Consider bike path /
pedestrian needs at
constrained entries

Develop historically
appropriate path
materials and
improvements needed



(BRR Photo File)

- **Existing Conditions – Dartmouth Street Granite Overlook**

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Dr. Paul Dudley
White Bike Path



Address lighting inappropriate
to historic parkway

Opportunity to improve safety by
increasing width of path and
re-grading it.

(BRR Photo File)

- Existing Conditions – Storrow Lagoon



Modern Intrusions



- Return Overlooks as intimate gathering place – Originally enclosed with formal hedge



- Remove intrusions to views of Charles River
- Provide accessibility where flagstone and cobbles exist

(BRR Photo File)

- Existing Conditions – Dartmouth / Gloucester Street Overlook



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Elimination of historic railing problems -
Cast Iron Post with Steel
Railing and Granite Coping

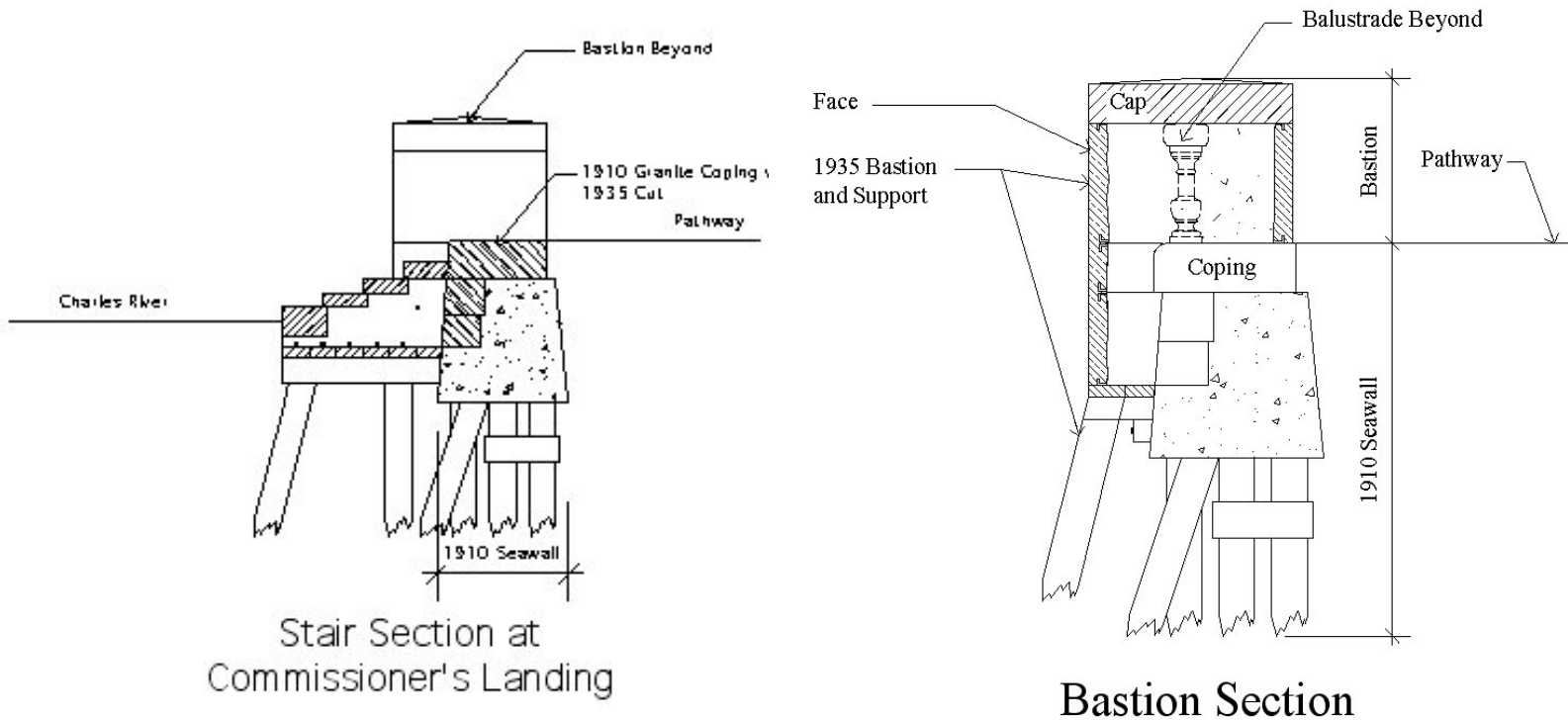


Restoration of
granite features



Existing Conditions - Commissioner's Landing

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Relationship of 1935 Construction to 1910 Seawall

Existing Conditions - Commissioner's Landing



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Granite Bastion and Bench
at Downstream Landing

Existing Conditions - Commissioner's Landing

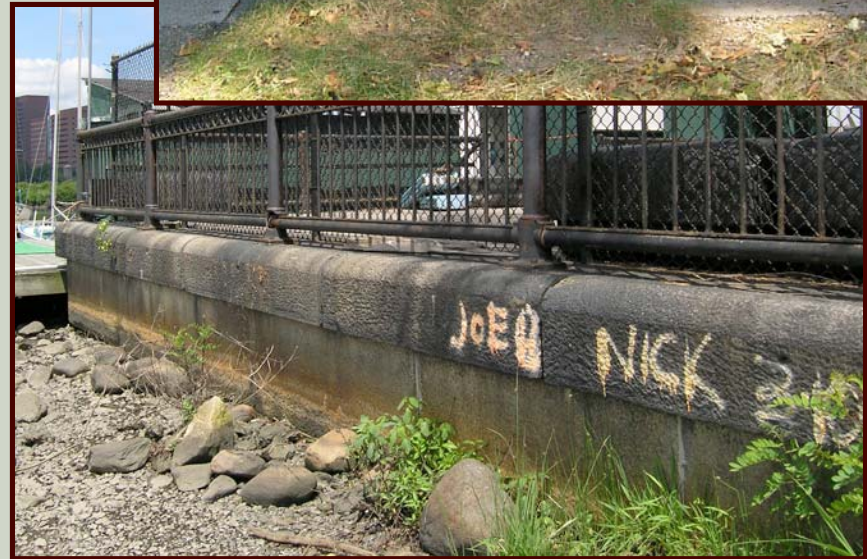
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Cleaning and Graffiti Issues

Lead Issues:

Leveling Sheet, Rail Joint, Stair Joint,
Wool + Coping Joint



Existing Conditions – Rehabilitation Considerations



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Existing Conditions - Mortar Joint Issues



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- Existing Conditions – Structures – Storrow Lagoon

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- **Temporary Repairs**

- **Commissioner's Landing**

- Barrier at stairs
 - Granite support

- **Dartmouth Street Granite Overlook**

- Barrier at stairs
 - Securing of granite blocks

- **Storrow Lagoon**

- Bike path curb granite
 - Lagoon dam stone support

- **Gloucester Street Granite Overlook**

- Securing of granite blocks





Granite Landings Restoration Project



- **Next Steps**
 - **Development of Alternatives**
 - **Project Schedule**
 - **Commissioner's Landing – Fall 2007**
 - **Timber Docks – Boat Haven**
 - **Project Status**
 - **Public Comment & Questions**



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Photo: www.mit.edu